

MONTANA NATURAL RESOURCES CONSERVATION SERVICE  
GOVERNOR'S DROUGHT ADVISORY COMMITTEE REPORT  
August 16, 2007



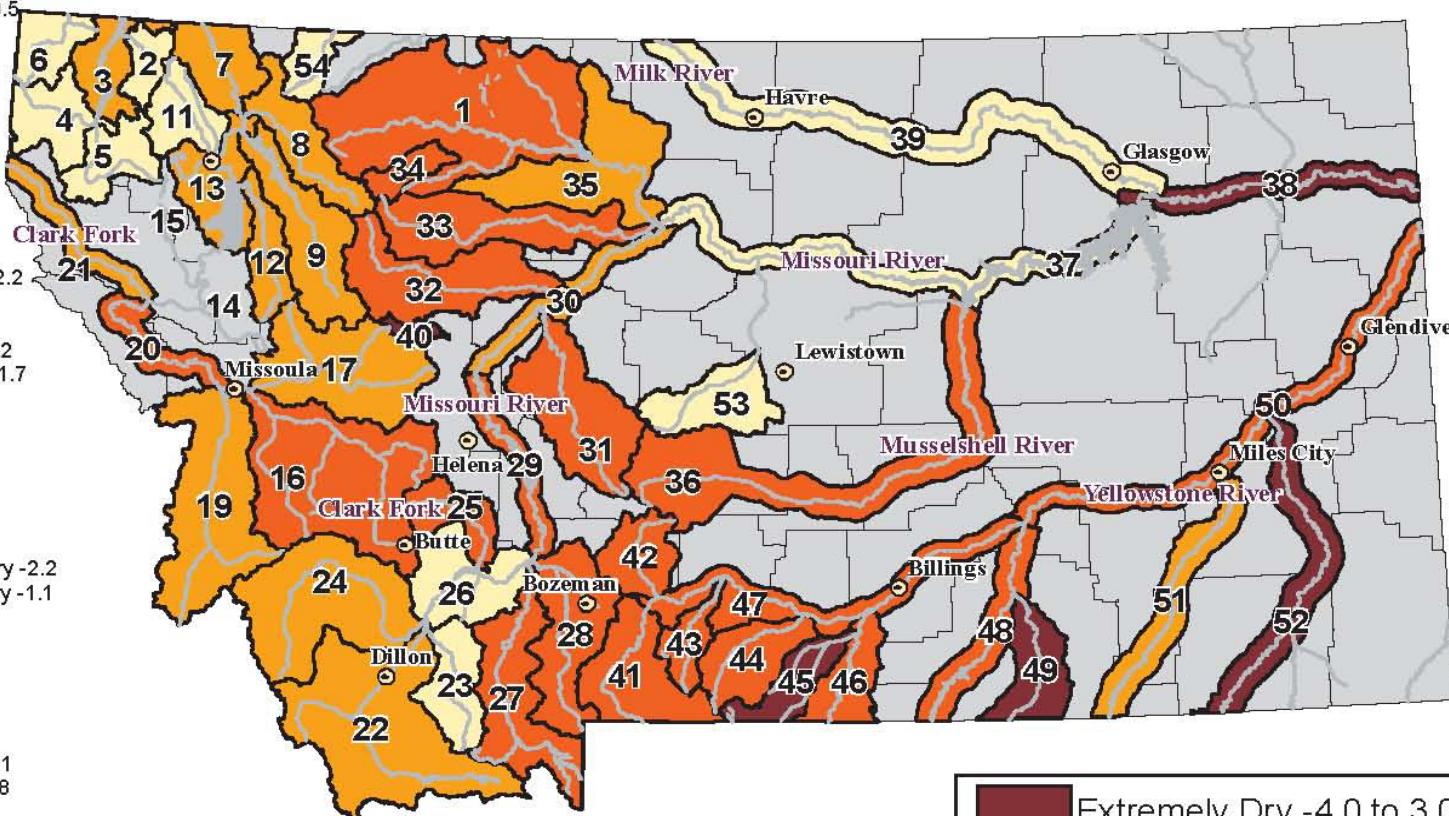
**RIVER INDEX & SWSI VALUES**

- 1 Marias above Tiber Reservoir -2.5
- 2 Tobacco -0.5
- 3 Kootenai Ft. Steele to Libby Dam -1.3
- 4 Kootenai below Libby Dam -0.5
- 5 Fisher -0.5
- 6 Yaak -0.1
- 7 North FK. Flathead -1.4
- 8 Middle FK. Flathead -1.6
- 9 South FK. Flathead -1.5
- 11 Stillwater/Whitefish 0.2
- 12 Swan -1.4
- 13 Flathead at Polson -1.6
- 14 Mission Valley
- 15 Little Bitterroot
- 16 Clark Fork above Milltown -2.2
- 17 Blackfoot -1.6
- 19 Bitterroot -1.9
- 20 Clark Fork below Bitterroot -2
- 21 Clark Fork below Flathead -1.7
- 22 Beaverhead -1.2
- 23 Ruby 0.9
- 24 Big Hole -1.9
- 25 Boulder (Jefferson) -2.2
- 26 Jefferson -0.2
- 27 Madison -2.3
- 28 Gallatin -2.2
- 29 Missouri above Canyon Ferry -2.2
- 30 Missouri below Canyon Ferry -1.1
- 31 Smith -2.2
- 32 Sun -2.5
- 33 Teton -2.5
- 34 Birch/Dupuyer Creeks -2.6
- 35 Marias -1.2
- 36 Musselshell -2.3
- 37 Missouri above Fort Peck -0.6
- 38 Missouri below Fort Peck -3.8
- 39 Milk -0.6
- 40 Dearborn near Craig -3.3
- 41 Yellowstone above Livingston -2.2
- 42 Shields -2.7
- 43 Boulder (Yellowstone) -2.5
- 44 Stillwater -2.8
- 45 Rock/Red Lodge Creeks -3.4
- 46 Clarks Fork -2.7
- 47 Yellowstone above Bighorn -2.4
- 48 Bighorn below Bighorn Lake -2.9
- 49 Little Bighorn -4
- 50 Yellowstone below Bighorn -2.6
- 51 Tongue -1.9
- 52 Powder -3.4
- 53 Upper Judith River 0.4
- 54 Saint Mary River -0.9

# Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE



**Current as of  
August 1, 2006**

0      45      90 Miles

**NOTE:** Data used to generate  
this map are PROVISIONAL and  
SUBJECT TO CHANGE.

 Natural Resources  
Conservation Service  
<http://www.mt.nrcs.usda.gov>



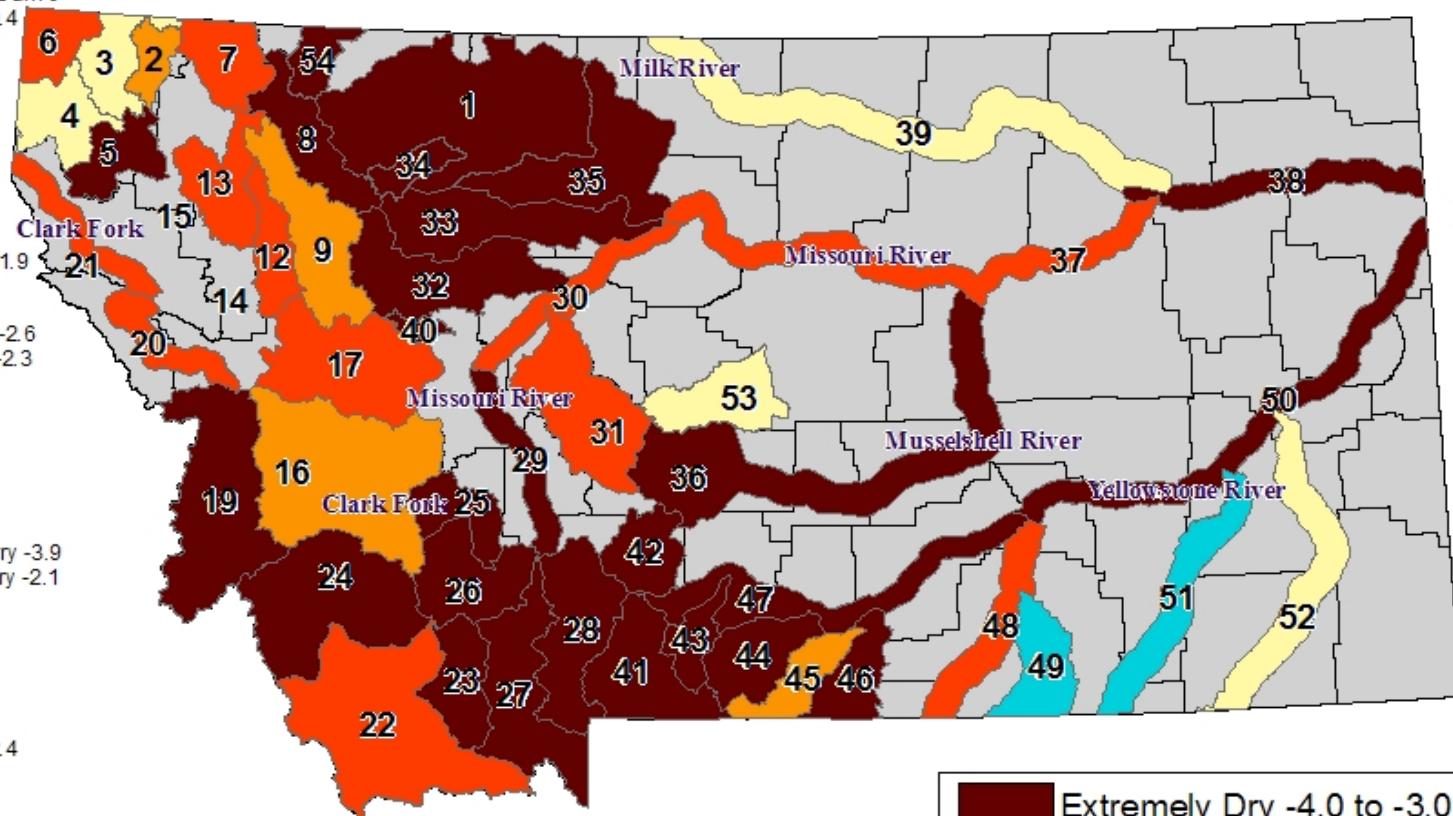
RIVER INDEX & SWSI VALUES

- 1 Marias above Tiber Reservoir -4
- 2 Tobacco -1.9
- 3 Kootenai Ft. Steele to Libby Dam 0
- 4 Kootenai below Libby Dam 0.4
- 5 Fisher -3.4
- 6 Yaak -2.9
- 7 North FK. Flathead -2
- 8 Middle FK. Flathead -3
- 9 South FK. Flathead -1.7
- 12 Swan -2.9
- 13 Flathead at Polson -2.1
- 14 Mission Valley
- 15 Little Bitterroot
- 16 Clark Fork above Milltown -1.9
- 17 Blackfoot -2.7
- 19 Bitterroot -3.4
- 20 Clark Fork below Bitterroot -2.6
- 21 Clark Fork below Flathead -2.3
- 22 Beaverhead -2.4
- 23 Ruby -3.1
- 24 Big Hole -3.4
- 25 Boulder (Jefferson) -3.1
- 26 Jefferson -3.3
- 27 Madison -4
- 28 Gallatin -3.6
- 29 Missouri above Canyon Ferry -3.9
- 30 Missouri below Canyon Ferry -2.1
- 31 Smith -2.8
- 32 Sun -3.8
- 33 Teton -4
- 34 Birch/Dupuyer Creeks -4
- 35 Marias -3.4
- 36 Musselshell -3.5
- 37 Missouri above Fort Peck -2.4
- 38 Missouri below Fort Peck -4
- 39 Milk -0.3
- 40 Dearborn near Craig -3.4
- 41 Yellowstone above Livingston -3.9
- 42 Shields -3.6
- 43 Boulder (Yellowstone) -3.4
- 44 Stillwater -3.7
- 45 Rock/Red Lodge Creeks -1.8
- 46 Clarks Fork -3.4
- 47 Yellowstone above Bighorn -3.7
- 48 Bighorn below Bighorn Lake -2.6
- 49 Little Bighorn 2.1
- 50 Yellowstone below Bighorn -3.2
- 51 Tongue 2.5
- 52 Powder -0.1
- 53 Upper Judith River 0.5
- 54 Saint Mary River -3.3

# Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

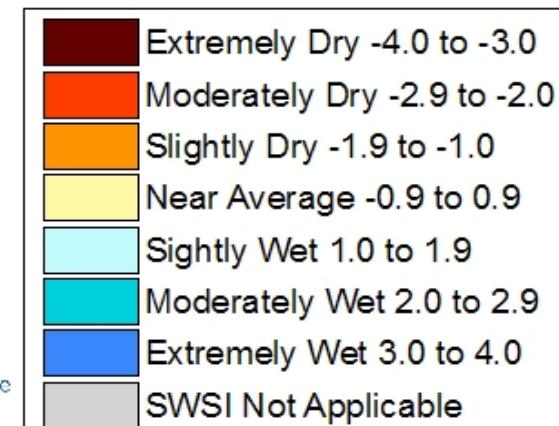


Current as of  
August 1, 2007

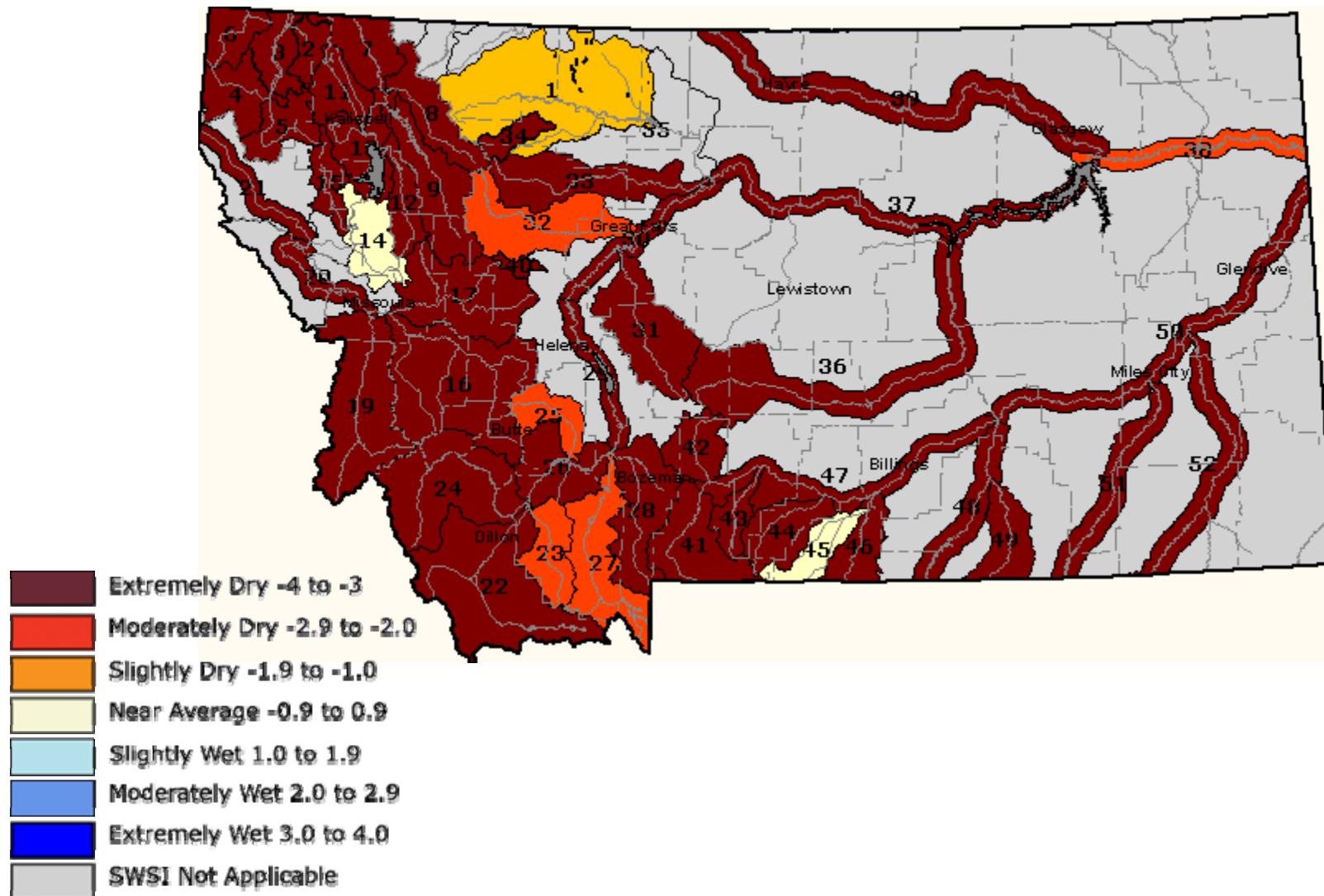
0 45 90 Miles

NOTE: Data used to generate  
this map are PROVISIONAL and  
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 NRCS Natural Resources  
Conservation Service  
<http://www.mt.nrcs.usda.gov>



# August 1, 2001



# SNOTEL SITE FIRE UPDATE

- SNOTEL loss – Pike Creek (Skyland)
- SNOTEL threatened – Mount Lockhart, Dupuyer & Waldron (Fool Ck.); Wood Ck. (Ahorn); Hand Ck. (Brush Ck.); Sylvan Rd. (Columbine, YNP); Box Canyon (Hicks Park); Bone Springs Divide (Bighorn Mtns.)



# SNOW COURSE FIRE UPDATE

- Snow course losses – Bruch Ck. Timber (Brush Ck.); Bassoo Peak (Chippy Ck.); Wrong Ridge (Fool Ck.)
- Snow course threatened – Marias Pass (Skyland); Cabin Ck. , Goat Mtn. , & Wrong Ck. (Fool); Mill Ck. & Colley Ck. (Wicked Ck.)

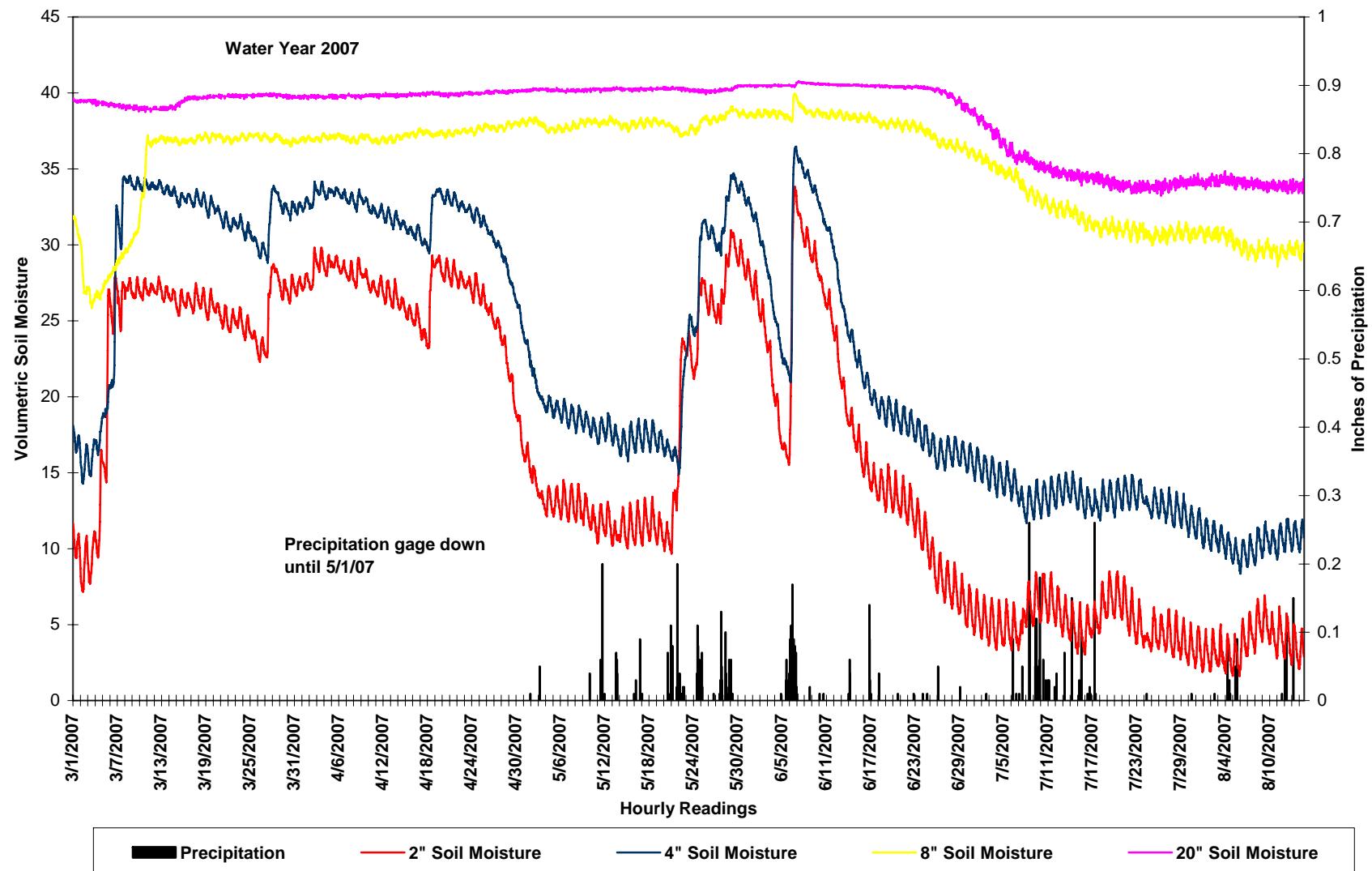


**SCAN web page:**  
<http://www.wcc.nrcc.usda.gov/scan/Montana/montana.html>



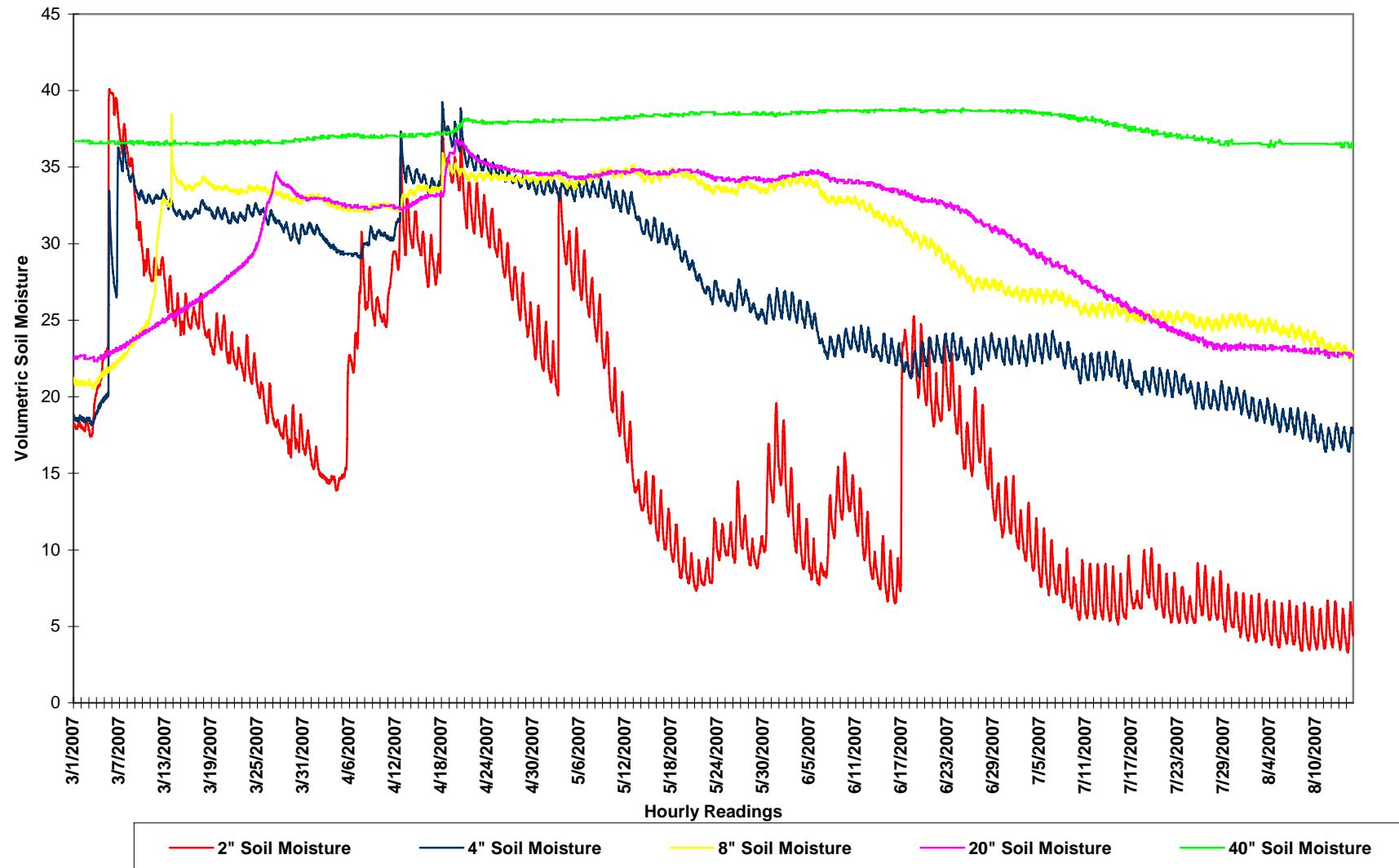
# GALLATIN COUNTY

Table Mountain, MT  
Soil Moisture vs. Precipitation  
PRELIMINARY DATA SUBJECT TO CHANGE



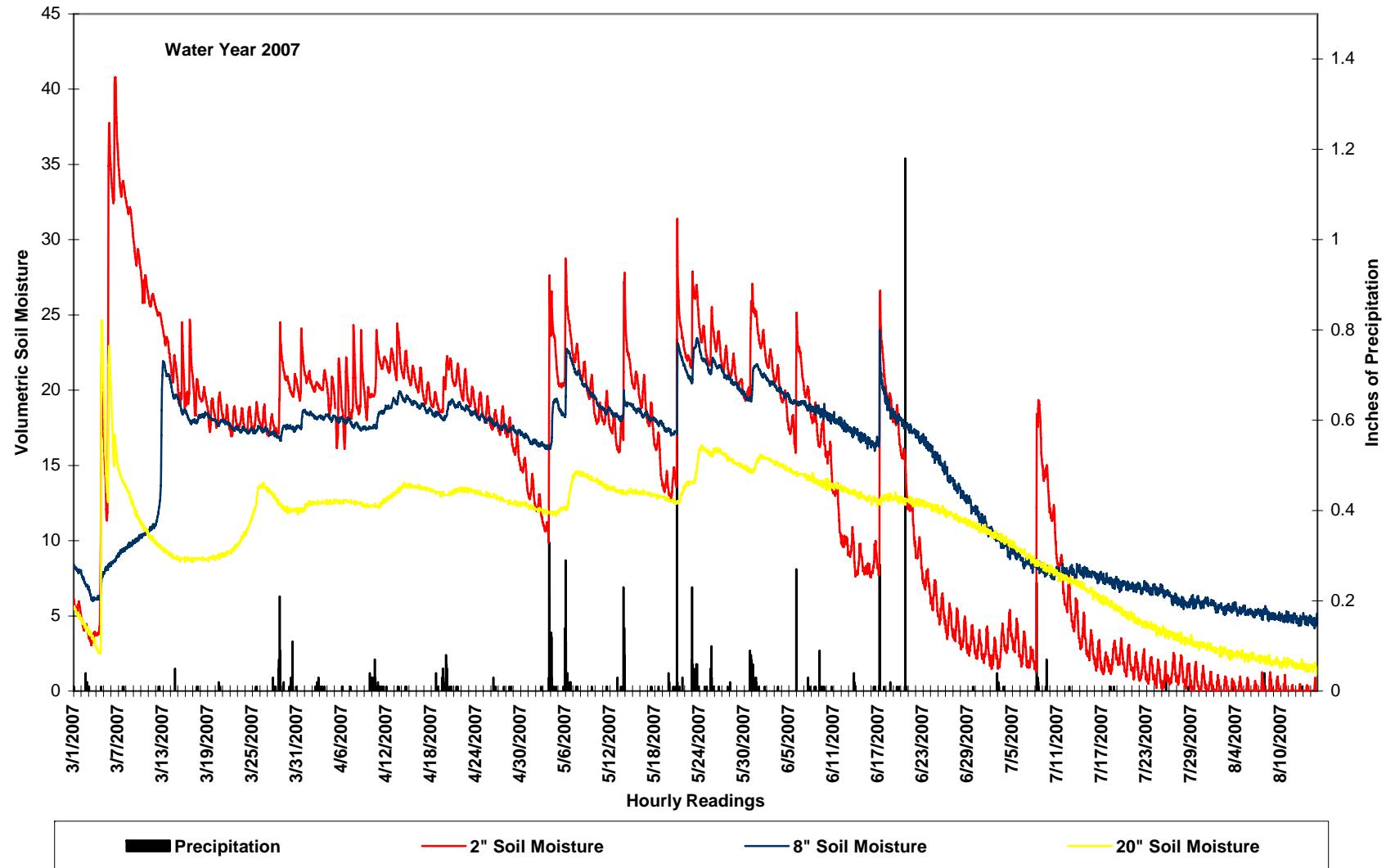
# PONDERA COUNTY

Conrad AG RC, MT  
Soil Moisture vs. Precipitation  
PRELIMINARY DATA SUBJECT TO CHANGE



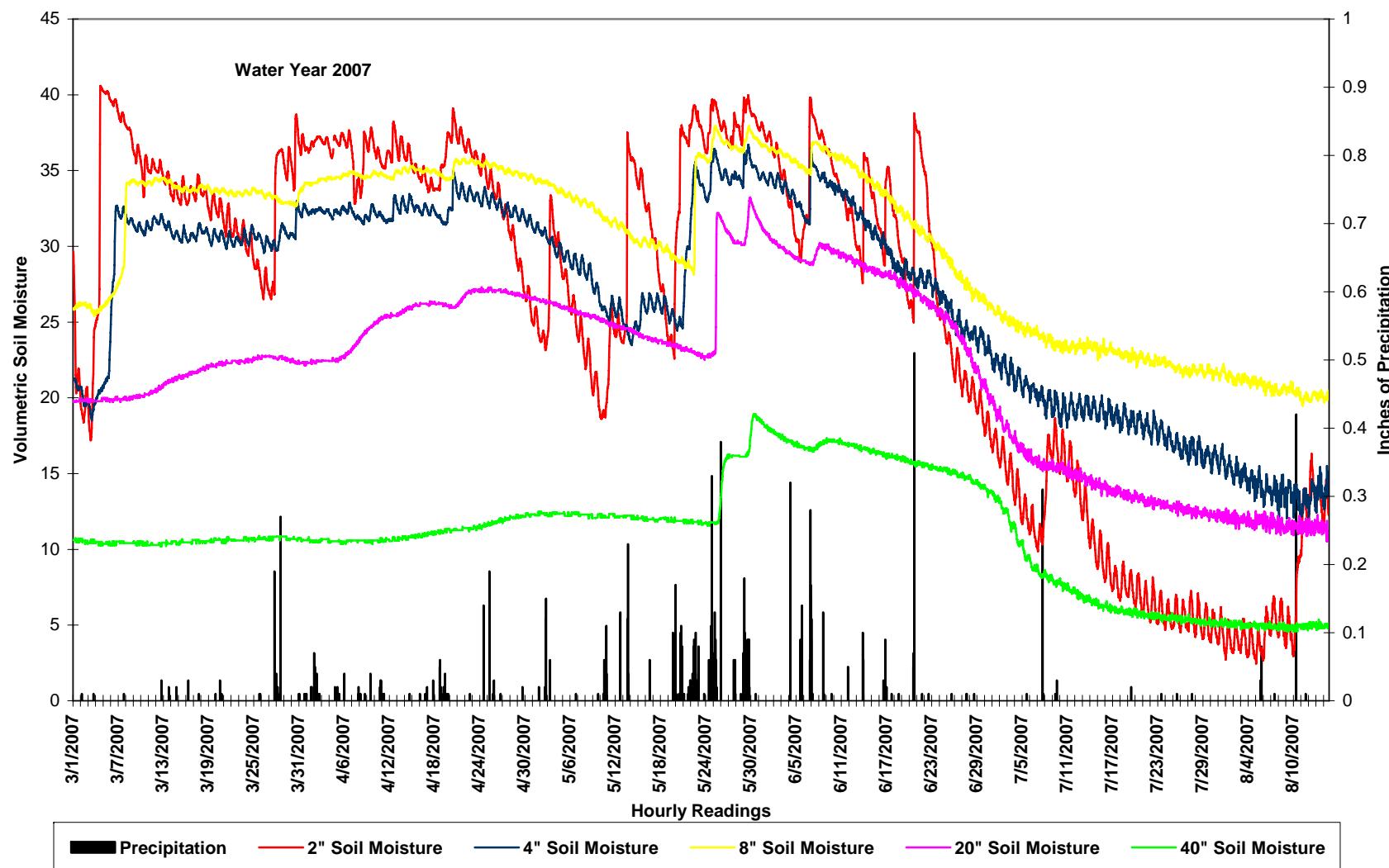
# DAWSON COUNTY

Lindsay, MT  
Soil Moisture vs. Precipitation  
PRELIMINARY DATA SUBJECT TO CHANGE



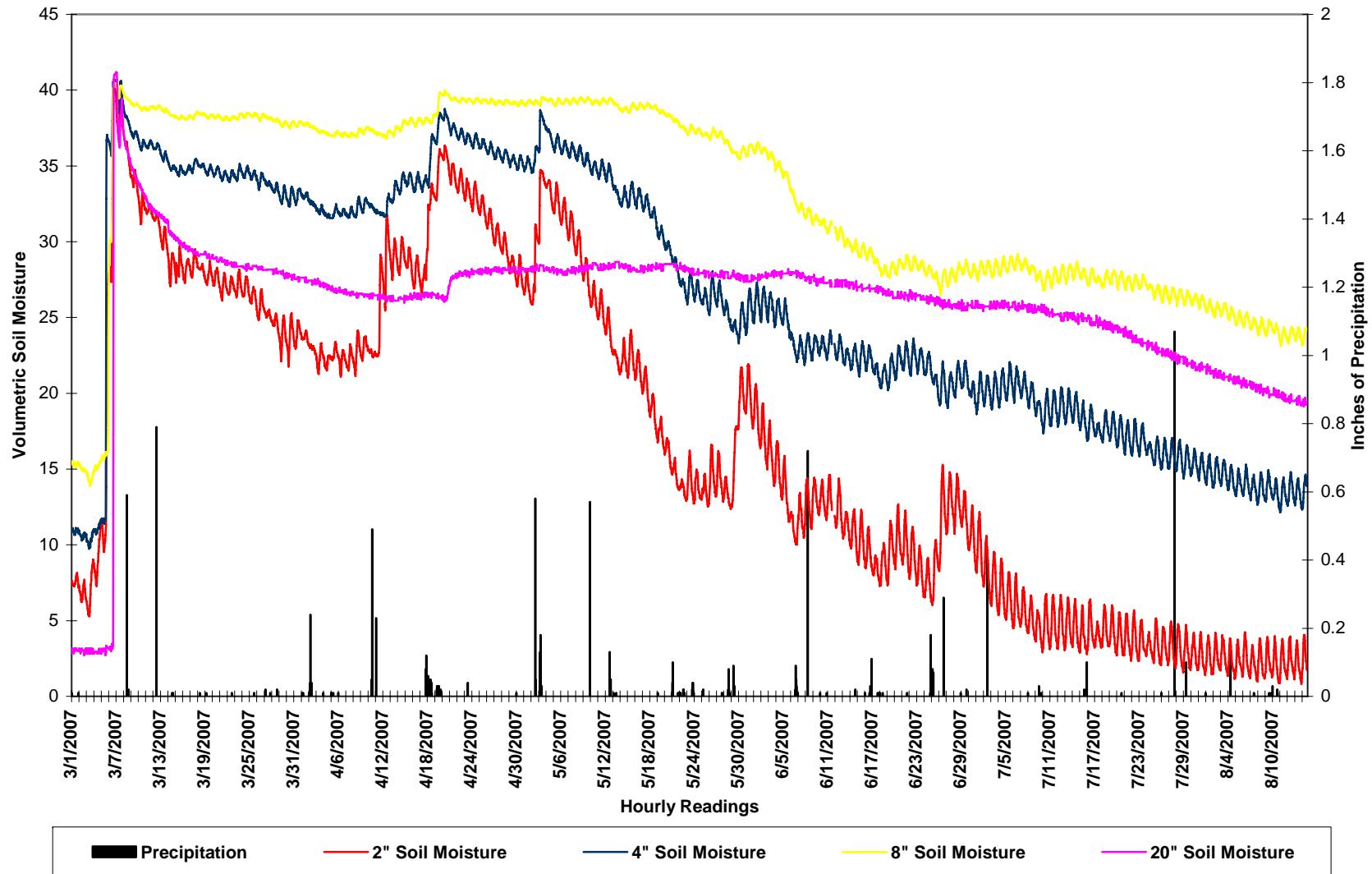
# JUDITH BASIN COUNTY

Moccasin, MT  
Soil Moisture vs. Precipitation  
PRELIMINARY DATA SUBJECT TO CHANGE



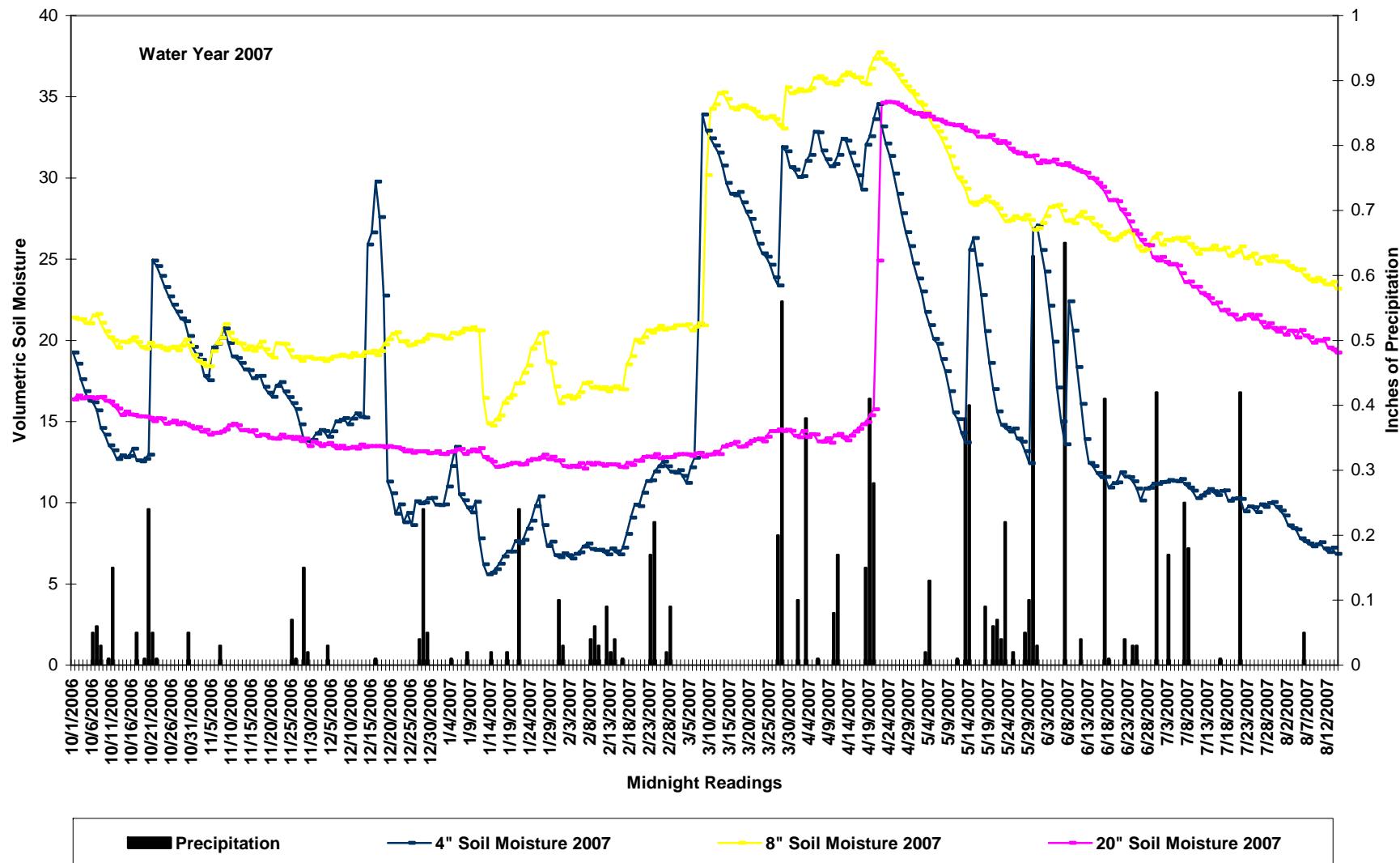
# LIBERTY COUNTY

Violett, MT  
Soil Moisture vs. Precipitation  
PRELIMINARY DATA SUBJECT TO CHANGE

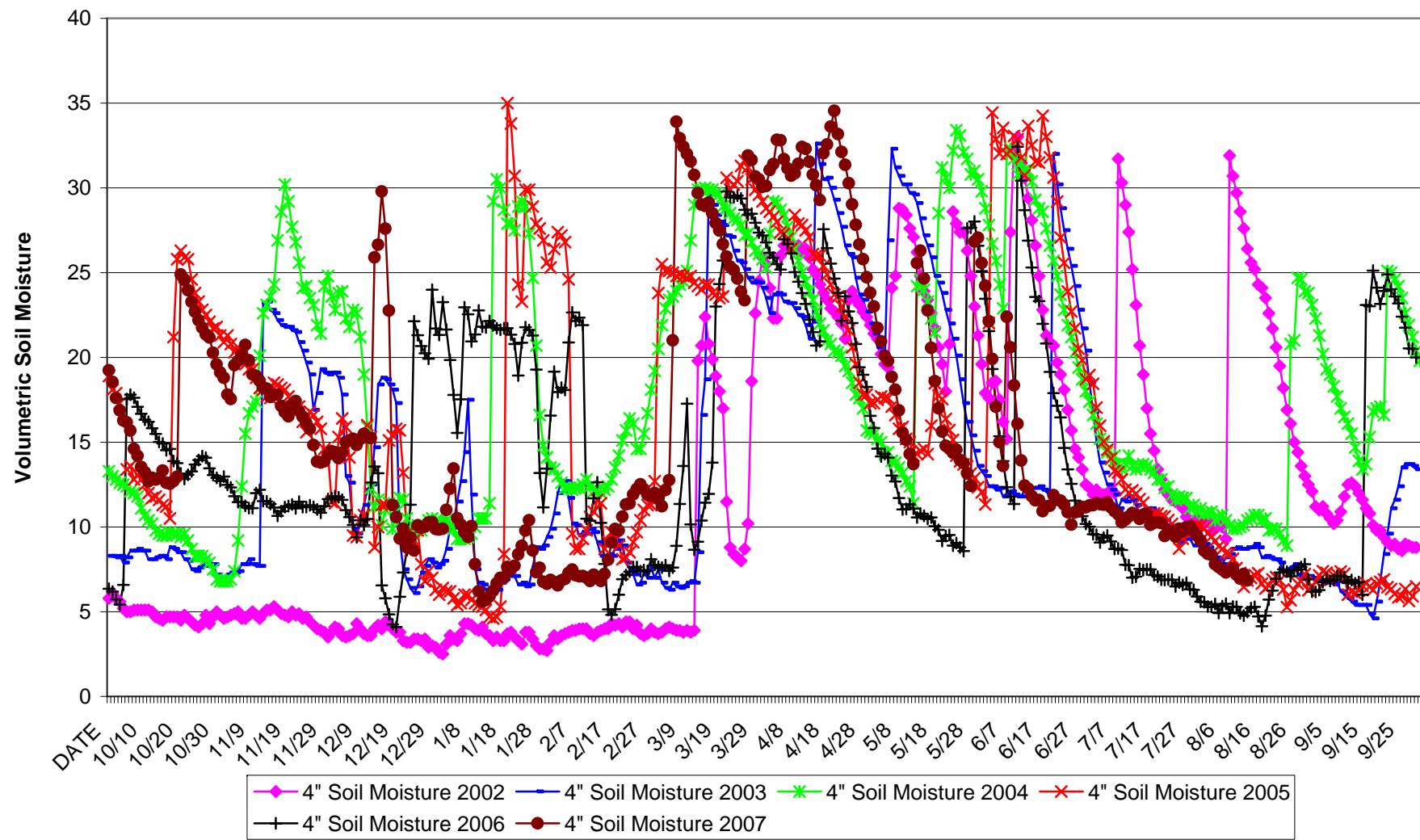


# HILL COUNTY

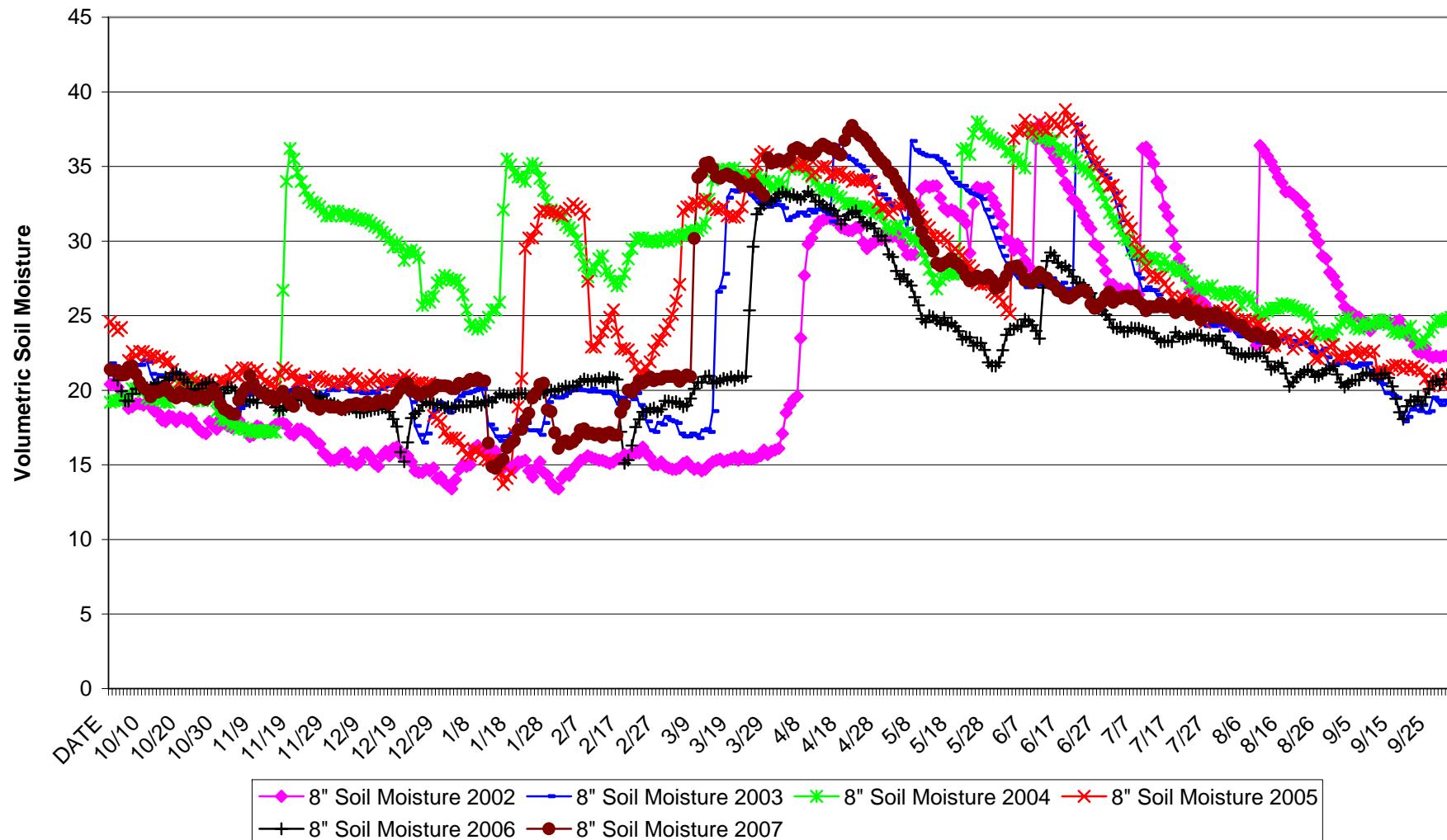
Fort Assiniboine  
 Soil Moisture vs. Precipitation  
 Preliminary Data Subject to Change



**Fort Assiniboine, MT**  
**4" Soil Moisture, Water Year 2002, 2003, 2004, 2005, 2006, 2007**  
**Preliminary Data Subject to Change**



**Fort Assiniboine, MT**  
**8" Soil Moisture, Water Year 2002, 2003, 2004, 2005, 2006, 2007**  
**Preliminary Data Subject to Change**



**Fort Assiniboine, MT**  
**20" Soil Moisture, Water Year 2002, 2003, 2004, 2005, 2006, 2007**  
**Preliminary Data Subject to Change**

